

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002, OMB 0651-0032  
Patent and Trademark office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional application under 37 C.F.R. § 1.53(b))

Attorney Docket No.

B-1484 DIV

First Inventor or Application Identifier

Wang

Title

Catalyst Structure And Method Of Fischer-Tropsch Synthesis

Express Mail Label No.

ET445575938US

**APPLICATION ELEMENTS :**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.

3. ☒ Specification [Total Pages 15 ]

(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2 ]

5. Oath or Declaration [Total Pages 4 ]

a. ☐ Newly executed (original or copy)

b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Program (Appendix)  
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM of CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney

11. ☐ English Translation Document (if applicable)

12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations

13. ☒ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)

(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.

17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation

☒ Divisional

☐ Continuation-in-part (CIP)

of prior application No: 09/375,610

Prior application information: Examiner: J. Parsa

Group/Art Unit: 1621

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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City Richland State WA Zip Code 99352

Country USA Telephone (509) 375-2387 Fax (509) 375- 4487

Name (Print/Type)

Stephen R. May

Registration No. (Attorney/Agent)

29,255

Signature

*Stephen R. May*

Date

*Jan 3, 2002*

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, and DC 20231.

<b>FEE TRANSMITTAL</b> <b>For FY 2002</b> Patent fees are subject to annual revision.		<b>Complete If Known</b>	
		Application Number	not yet assigned
		Filing Date	herewith
		First Named Inventor	Wang
		Examiner Name	not yet assigned
		Group/Art Unit	not yet assigned
TOTAL AMOUNT OF PAYMENT		Attorney Docket No.	B-1484-DIV
(\$)		740	

<b>METHOD OF PAYMENT (check one)</b> 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: <b>02-1275</b> Deposit Account Name: <b>Battelle Memorial Institute - PND</b> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status 2. Payment Enclosed: <input type="checkbox"/> check <input type="checkbox"/> Money Order <input type="checkbox"/> Other <b>FEE CALCULATION</b> <b>1. BASIC FILING FEE</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee</th> <th>Entity Fee</th> <th>Small Fee</th> <th>Entity Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>740</td> <td>201</td> <td>370</td> <td>Utility filing fee</td> <td>740</td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Designing filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>370</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$)</td> </tr> </tbody> </table> <b>2. EXTRA CLAIM FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee form below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>- 20 **</td> <td>X</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td>2</td> <td>- 3 **</td> <td>X</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>**or number previously paid, if greater; For Reissues, see below</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee</th> <th>Entity Fee</th> <th>Small Fee</th> <th>Entity Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>84</td> <td>202</td> <td>42</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>109</td> <td>84</td> <td>209</td> <td>42</td> <td>**Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>**Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> </tr> </tbody> </table>	Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid	101	740	201	370	Utility filing fee	740	106	330	206	165	Designing filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1)					(\$)	Total Claims	Extra Claims	Fee form below	Fee Paid	20	- 20 **	X		Independent Claims	2	- 3 **	X	Multiple Dependent				Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	103	18	203	9	Claims in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim, if not paid	109	84	209	42	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)					<b>3. 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unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,280</td> <td>241</td> <td>640</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,280</td> <td>242</td> <td>640</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>460</td> <td>243</td> <td>230</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>620</td> <td>224</td> <td>310</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146</td> <td>740</td> <td>246</td> <td>370</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>740</td> <td>249</td> <td>370</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>179</td> <td>740</td> <td>279</td> <td>370</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify)      Terminal Disclaimer (37 CFR § 1.20(d))</td> <td></td> </tr> <tr> <td colspan="5">*Reduced by Basic Filing Fee Paid      SUBTOTAL (3)</td> <td>(\$)</td> </tr> </tbody> </table>	Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid	105	130	205	65	Surcharge- late filing fee or oath		127	50	227	25	Surcharge- late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within forth month		128	1,890	228	945	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Requesting for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - 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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Stephen R. May	Registration No. (Attorney/Agent)	29,255
Telephone	(509) 375-2387	Date	Jan 3, 2002
Signature			

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXPRESS MAIL MAILING LABEL #ET445575938US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
 )  
Wang et al. )  
 )  
For: Catalyst Structure and Method of ) Our Ref. No: B-1484 DIV  
Fischer-Tropsch Synthesis )  
 ) Date: January 3, 2002

CERTIFICATE OF MAILING

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, DC 20231

Dear Sir:

The undersigned hereby certifies that the attached:

- ☒ Patent Application of 15 pages, and
- ☒ Drawings of 2 Sheets
- ☒ Fee Transmittal (2 ea.)
- ☒ Copy of Assignment / Cvr. Sheet
- ☒ Copy of Combined Declaration and Power of Attorney
- ☒ Information Disclosure
- ☒ with attachments

are being deposited with the United States Postal Service as:

- ☐ First Class Mail
- ☒ Express Mail - Label ET445575938US

in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C.  
20231, on the date set forth below.

Janice K. Laybourn  
Signature

January 3, 2002  
Date Deposited

Janice K. Laybourn K1-53  
Intellectual Property Services  
Battelle Memorial Institute  
Pacific Northwest Laboratories  
P.O. Box 999  
Richland, WA 99352  
(509) 375-2655